

Curriculum Vitae (CV)

Johannes Starkbaum, PhD

Born: 11.03.1982 | Nationalities: Austria and Switzerland

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Working experience (selection)

since 02.2018	Social & Sustainable Transformation Research Group (Institut für Höhere Studien, IHS): International projects on societal aspects in fields such as health, policy, and mobility applying participatory methods.
07.2015 - 05.2017	Consultant and researcher (BBMRI European Research Infrastructures Consortium): Consulting the EU biobank infrastructure regarding socio-ethical issues and questions regarding the GDPR.
01.2014 - 12.2015	Researcher, Chair for Ethics II (FAU Erlangen-Nuremberg): Ethical aspects of biotechnology and synthetic biology. Interdisciplinary work. Project acquiesce: EFI Bio-Objects, 450k EUR)
01.2010 - 04.2018	Researcher, Institut for Political Science und Governance-Research Plattform (Univ. Vienna): Comparative political science, trans-disciplinary projects in the field of life sciences.
01.2010 - 12.2017	Researcher und Assistant to the CEO (Life-Science-Governance Institute Vienna): Data analysis of survey and focus group data; managing budget and annual reports of the institute; project acquiesce: (BBMRI.at, 3,5 Mio. EUR);
since 10.2009	Lector (Technical Service ZID, Political Science and Sociology of Univ. Vienna, as well as ECPR-WS Bamberg, Germany): Empirical research, computer assisted analysis, comparative policy studies
03.2008 - 10.2009	Researcher, studienassistent & tutor (Inst. for Sociology, Univ. Vienna): Sociology of the family
02.2008 - 12.2010	Trainer (Citybound Wien): Social work with teenagers
12.2004 - 03.2007	Researcher (Centre for Translational Science, Univ. Vienna): Management of the Karl Popper Archive; Researching digital learning and knowledge-technologies

Education (selection)

10.2011 – 11.2018	PHD Social Sciences (Political Science), Univ. Vienna (graduated with honours)
03.2003 - 04.2009	Master Sociology, Univ. Vienna (graduated with honours)
10.2000 - 06.2001	Master of business informatics, Technical University Vienna (cancelled)
09.1992 - 06.2000	High school, Realgymnasium GRG 21 Ödenburgerstraße, Vienna

International experiences

01.2014 - 12.2015	Research visit, FAU Erlangen-Nuremberg (Germany)
01.2005 - 07.2005	Erasmus-Sokrates scholarship, Copenhagen (Denmark)

Scientific memberships and services

Since 2022	Founding member of the MethodsNET association
2021 - 2023	Editor of the Topical stream for Quadruple Helix Innovation, Journal of the Knowledge Economy, Springer
2019-2020	Reviewer for the Fondazione Cariplo (Science and Technology Studies), Italy
Since 2018	Journal Reviews (e.g. Human Genetics, Big Data and Society, ÖZS)

Conferences (peer reviewed, selection)

2024	Societies in crisis, session at the STS Graz conference, Austria
2023	Science Skepticism, session at the STS Graz conference, Austria
2020	<i>Ready to thrive? Collaboration practice of Quadruple Helix innovation cases.</i> EUSPRI conference (accepted but cancelled due to COVID-19), Utrecht, the Netherlands
2019	<i>Staatlich initiierte inklusive Innovationsinitiativen zwischen Kollaborationsanspruch und Initiationsinteressen.</i> ITA Conference, Vienna, Austria
2019	<i>Public sector initiated Quadruple Helix Innovation. How initiative aims shape inclusive innovation collaborations.</i> ETHAC Conference, Thessaloniki, Greece.

Research projects (selection)

Digitalized Medicine; 2024-2025; TA SWISS; reflection of digitalization in medicine
AGRO4AGRI; 2024-2028, HE, Task leader; Societal and reflexive aspects of innovation for sustainability
Causations of scepticism towards science and democracy; 2022-2023; BMBWF
Science in Practice; Duration: 2022-2023; City of Vienna; Mixed methods analysis of attitudes towards science and innovation in the climate change context
RAVE (Phenomenology of road accidents); 2022-2025; Funding: FWF; WP leader; phenomenology of road accidents
POPEYE; Duration: 2020–2023; FWF, I 4732, ERA PerMed; WP leader; Ethical and social aspects of targeted cancer therapy
Evaluation of Citizen Science projects on teaching and learning methods; Duration: 2019–2021; OeAD and Austrian Innovation Foundation for Education (IfB); project leader
Reconfiguring research and innovation in quadruple helix processes (RiConfigure); 2018-2021; Funding: European Commission, Horizon 2020 Grant Agreement no.: 788047, WP leader; Analysing multi stakeholder innovation projects
Excellence in science and innovation for Europe by adopting the concept of Responsible Research and Innovation (NewHoRRizon); 2017–2021; Horizon 2020, Grant Agreement no 741402; researcher; Evaluation of H2020 from a responsibility perspective.

Publications (peer reviewed, selection)

Starkbaum, J.; Griessler, E.; Grand, P. et al. (2025). Reflections on the science society relationship. A mixed-methods study on science skepticism in Austria. Accepted for publication, ÖZS

- Starkbaum, J.; Thircuir, S.; Winkler, F. & Griessler, E. (2025). Navigating Care: Understanding Cancer Patients' Experiences with Systemic Radionuclide Therapy. Accepted for publication, Supportive Care in Cancer.
- Thircuir, Solenn; Pillayre, Héloïse; Starkbaum, Johannes and Griessler, Erich (2025) Dealing with radiation risks in systemic cancer treatment: Perspectives of practitioners and patients in French hospitals. PLOS ONE, 20 (3), e0316998. <https://doi.org/10.1371/journal.pone.0316998>
- Starkbaum, J.; Braun, R.; Blok, V., et al. (2025). Responsible Innovation across societal sectors: a practice perspective on Quadruple Helix collaboration. Journal of Responsible Innovation, 11 (1), 2414531. <https://doi.org/10.1080/23299460.2024.2414531>
- Starkbaum, Johannes and Gerhardus, Anna (2023) The Destruction of Automobility as We Know It. Book review. Transfers. Interdisciplinary Journal of Mobility Studies, 13 (1-2), pp. 196-200. <https://doi.org/10.3167/TRANS.2023.13010215>
- Braun, Robert and Starkbaum, Johannes (2023) Stakeholders in Research and Innovation: Towards Responsible Governance. In: Putting Responsible Research and Innovation into Practice. Library of Ethics and Applied Philosophy, 40. Cham: Springer, pp. 229-247. https://doi.org/10.1007/978-3-031-14710-4_12
- Ruiz Alvarez, M.J., Griessler, E.; Starkbaum, J. (2022). Ethical, Legal and Social Aspects of Precision Medicine. In: Hasanzad, M. (ed.). Precision Medicine in Clinical Practice; Springer: pp 179-196.
- Braun and Starkbaum (2022). Stakeholders in research and innovation: towards responsible governance. In: Blok, V. (Eds.). Responsible Research and Innovation. An evidence-based reconceptualization. Dordrecht: Springer.
- Starkbaum J, Felt U. (2019) Negotiating the reuse of health-data: Research, Big Data, and the European General Data Protection Regulation. Big Data & Society, DOI: 10.1177/2053951719862594. 1-12.
- Starkbaum, Johannes (2018) Research, Governance, and Imaginaries of Publics. Public Engagement in the Context of the European Biobank Infrastructure. Doctoral thesis, University of Vienna. 192 p
- Braun M, Starkbaum J, Dabrock, P (2015) Safe and Sound? Scientists' Perceptions of Public Engagement in Emerging Biotechnologies. PLOS One 10(12), e0145033, 1-16.
- Starkbaum J, Braun M, Ried J, Dabrock P (2015): The Synthetic Biology Puzzle. A qualitative study on public reflections towards a governance of synthetic biology. Systems and Synthetic Biology 9(4), 147-157
- Starkbaum J, Chen H, Gottweis H (2014) Publics and biobanks in China: a comparative perspective. Asia Europe Journal 12, 345-359. <https://doi.org/10.1007/s10308-014-0396-4>
- Chen H, Gottweis H, and Starkbaum J (2013). Public Perceptions of Biobanks in China: A Focus Group Study. Biopreservation and Biobanking 11(5), 267-271. <https://doi.org/10.1089/bio.2013.0016>
- Gaskell, G., Gottweis, H., Starkbaum, J. et al. Publics and biobanks: Pan-European diversity and the challenge of responsible innovation. Eur J Hum Genet 21, 14–20 (2013). <https://doi.org/10.1038/ejhg.2012.104>
- Hobbs A, Starkbaum J, Gottweis U, Wichmann HE, Gottweis H (2012). The Privacy-Reciprocity Connection in Biobanking: Comparing German with UK Strategies. Public Health Genomics 15, 272-284. <https://doi.org/10.1159/000336671>
- Gottweis H, Gaskell G, Starkbaum J (2011). Connecting the public with biobank research: reciprocity matters. Nature Reviews genetics 12, 738-739. <https://doi.org/10.1038/nrg3083>
- Gottweis H, Chen H, Starkbaum J (2011). Biobanks and the phantom public. Human Genetics 130, 433. <https://doi.org/10.1007/s00439-011-1065-y>

Publications (selection, non-peer-review)

- Starkbaum, Johannes and Griessler, Erich (2023) Wissenschaftsskeptisch betrachtet. Stimme: Zeitschrift der Initiative Minderheiten (129). Verein zur Förderung des Zusammenlebens von Minderheiten und Mehrheiten (Initiative Minderheiten)

- Griessler, Erich & Starkbaum, Johannes (2022). Wissenschaft und Gesellschaft - es braucht eine unaufgeregte Debatte. OVE (Österreichischer Verband für Elektrotechnik).
<https://www.ove.at/digitalisierung/news-zur-digitalisierung/detail/wissenschaft-und-gesellschaft-es-braucht-eine-unaufgeregte-debatte/>
- Starkbaum, Johannes; Koenig, Thomas and Taschwer, Klaus (March 2022) *Impulse für einen Neustart der Wissenschaftskommunikation in Österreich*. IHS Policy Brief 1, 21 p.
<https://irihs.ihs.ac.at/id/eprint/6082/2/ihs-policy-brief-2022-starkbaum-koenig-taschwer-impulse-neustart-wissenschaftskommunikation-oesterreich.pdf>
- Fößleitner, S.; Starkbaum, J.; Griessler, E. (2021) Künstliche Intelligenz im Gesundheitswesen. In: Jahrbuch für Gesundheitspolitik und Gesundheitswirtschaft in Österreich. WKO & Sanofi-Aventis GmbH, 37f
- Gerhardus, A.; Braun, R.; Starkbaum, J. (2021): *Steps towards Quadruple helix Innovation. Lessons from the 'Community Creates Mobility' collaboration*. In: Schroth, F., Kaiser, S.; Schraudner, M. (Eds.). *Quadruple Helix Collaboration in practice. Insights from the EU Project RiConfigure*. 26-34. DOI: 10.24406/IAO-N-636131
- Braun, Robert; Starkbaum, Johannes and Anna, Gerhardus (2019) *Do we need a reorientation for the innovation imaginary?* OECD OPSI blog entry: <https://oecd-opsi.org/do-we-need-a-reorientation-for-the-innovation-imaginary>
- Braun, Robert and Starkbaum, Johannes (2019) *Wie sicher sind Automobile für ihr Verkehrsumfeld?* Der Standard, 03.03.2019. <https://www.derstandard.at/story/2000098892863/wie-sicher-sind-automobile-fuer-ihr-verkehrsumfeld>
- Durnova, Anna; Hönigsmayer, Helmut and Starkbaum, Johannes (2018) *Elga gehört den Bürgern – lasst sie mitreden!* Der Standard, 03.05.2018. <https://www.derstandard.at/story/2000079118035/elga-gehoert-den-buergern-lasst-sie-mitreden>